

C L A I M S

1. A method for sealing a void (12) incompletely filled with a cast material (10), characterized in that an expandable material (6) is placed in the void (12) which is to be filled with a cast material (10), the expandable material (6) expanding, after the cast material (10) has cured, into spaces (16) which are not filled with cast material (10).
2. A method in accordance with claim 1, characterized in that an expandable material in the form of a sleeve (6) is connected in an encircling manner to a pipe (1) before the pipe (1) is run into a borehole (2).
3. A method in accordance with claim 1, characterized in that the expanding material (6) is essentially enveloped in a cast material (10).
4. A device for sealing a void (12) incompletely filled with a cast material (10), characterized in that before casting, an expandable material (6) is placed in the void (12), the expandable material (6) being arranged to expand into spaces (16) which are not filled with cast material (10).
5. A device in accordance with claim 4, characterized in that the expandable material (6) is formed by a sleeve encircling a pipe (1).

6. A device in accordance with claim 5, characterized in that the pipe (1) is located in a borehole (2).